

REMARKS

In response to the Restriction Requirement mailed December 13, 2002, Applicants elect Group IV without traverse. Applicants note this election is made solely in the interest of expediting prosecution of this application and Applicants reserve the right to traverse division between Groups I-III and V-X and division between species in subsequent divisional filings. Applicants also reserve the right to file divisional applications relating to these claims without the need to file a terminal disclaimer.

Claims 46-48, 50-55 and 60 have been canceled. Claims 43-45, 49 and 56-59 have been amended to comply with the election of Group IV for further prosecution. Applicants note that these amendments merely cancel claims not falling within the subject matter of Group IV and amend the remaining claims to remove SEQ ID NO's not falling within the subject matter of Group IV. Accordingly, Applicants contend no new matter has been entered into the application.

All of the amended claims are believed to be in condition for allowance. In the event the Examiner has any questions regarding this application, the Examiner is invited to contact the undersigned representative at (303)863-9700.

Respectfully submitted,

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VERSION WITH MARKINGS SHOWING CHANGES

In the Claims:

Claims 46-48, 50-55 and 60 have been canceled.

Claims 43-45, 49 and 56-59 have been amended as shown below:

43. (Once amended) An isolated protein comprising an amino acid sequence [selected] from [the group consisting of SEQ ID NO:53, SEQ ID NO:56, SEQ ID NO:59,] SEQ ID NO:62, [SEQ ID NO:65, SEQ ID NO:68, SEQ ID NO:70, SEQ ID NO:72, SEQ ID NO:75, and SEQ ID NO:78,] wherein the protein is a flea saliva protein or a fragment thereof.

44. (Once amended) The isolated protein of claim [1] 43, wherein the protein is a *Ctenocephalidese* protein.

45. (Once amended) The isolated protein of claim [2] 44, wherein the protein is a *Ctenocephalidese felis* protein.

49. (Once amended) The isolated protein of claim [1] 43, wherein the protein comprises [an] the amino acid sequence of SEQ ID NO:62.

56. (Once amended) The isolated protein of claim [1] 43, wherein the protein is [selected from the group consisting of PfspG5₉₀, PfspG5₇₁,] PfspI₁₅₅[, PfspN5₃₅₃, PfspN6₁₃₅, and PfspJ₇₂].

57. (Once amended) The isolated protein of claim [1] 43, wherein the protein is produced recombinantly.

58. (Once amended) A composition comprising the isolated protein of claim [1] 43.

59. (Once amended) The composition of claim 58, wherein the protein is [selected from the group consisting of PfspG5₉₀, PfspG5₇₁,] PfspI₁₅₅[, PfspN5₃₅₃, PfspN6₁₃₅, and PfspJ₇₂].